

FEB 09 1982

DPM 5387

1. PRODUCT NAME, NUMBER, SYNONYM: Turco 5821
2. MANUFACTURER'S NAME: Turco Products, Inc.
3. MANUFACTURER'S ADDRESS: 24600 So. Main St., Wilmington, Calif. 90745
4. PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: Wipe up spillage. Ventilate and wash down area with water.
5. TRANSPORTATION AND STORAGE REQUIREMENTS: Transport and store in closed containers at temperatures between 20°F and 90°F. Do not store in direct sun rays. Open container cautiously to avoid spurting
6. FIRST AID TREATMENT:
- A. SKIN CONTACT: Wash with soap and water
- B. EYE CONTACT: Flush with copious amounts of water. Obtain medical attention.
- C. INHALATION: Remove to fresh air.
- D. ANTIDOTE IN CASE OF SWALLOWING: Give water or milk, induce vomiting.
7. PHYSIOLOGICAL PROPERTIES:
- A. ACUTE ORAL TOXICITY: Moderate
- B. LOCAL EFFECTS UPON EYES: Severe irritation
- C. LOCAL EFFECTS UPON SKIN: Defatting
- D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): Moderate
- E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): Irritation to eyes and nose
- F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS): Approximately 500 PPM
8. CHEMICAL AND PHYSICAL PROPERTIES:
- A. SPECIFIC GRAVITY (WATER = 1) 1.12
- B. VAPOR DENSITY (AIR = 1) 1
- C. VAPOR PRESSURE mm Hg AT 25°C. Approx. 400 mm
- D. pH NA
- E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLAS, RUBBER, LACQUERS, ENAMELS, FABRICS: Safe on aluminum. Not recommended for use on plexiglass, rubber, paints or fabrics.

F. DOES THE MATERIAL DECOMPOSE WHEN EXPOSED TO AIR? WATER? HEAT? STRONG OXIDIZERS? Avoid strong oxidizers

G. FOR MIXTURES GIVE THE PERCENTAGE COMPOSITION OF INGREDIENTS:

COMPOUND	PERCENT
Methylene chloride	60-70
Ketones and toluol	15-20
Synthetic wetting agents	5-10
Alcohol and glycol	5-10
Thickeners, corrosion inhibitors	3-5

NOTE: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ETC., ARE NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN.

H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? No

9. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: Avoid contact with skin and clothing.  
Use with adequate ventilation.

10. RECOMMENDED PROTECTIVE EQUIPMENT: Face shield. Protective gloves and aprons.

11. A. FLASHPOINT °F; CLOSED CUP \_\_\_\_\_; OPEN CUP 115°F; IF F.P. CHANGES DURING EVAPORATION GIVE DATA:  
Flash point will be lower after evaporation  
Meets flammability requirements of MIL-R-25134B

B. EXPLOSIVE LIMITS (% VOL. AIR): LOWER unknown; UPPER unknown

C. SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES \_\_\_\_\_; NO X

D. FIRE POINT °F unknown; AUTO IGNITION TEMPERATURE °F unknown

E. VAPOR DENSITY Greater than air

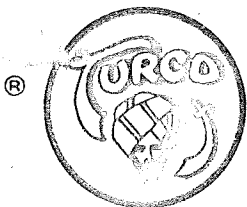
F. WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES? Toxic oxides of chlorine

G. SUITABLE EXTINGUISHING AGENTS: Carbon dioxide

12. INFORMATION FURNISHED BY: A. E. Zaelke  
TITLE: Chief Technical Service Engineer  
COMPANY: Turco Products, Inc.  
ADDRESS: 24600 So. Main St., Wilmington, Calif. 90745  
DATE: 5/25/72

NOTE: INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, STATE AND FEDERAL ORDINANCES, LAWS AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO PURCHASING, DOUGLAS AIRCRAFT DIVISION, LONG BEACH, CALIF. 90801.



TECHNICAL

DPM 5387

DATA

BULLETIN NO.

TURCO PRODUCTS • A DIVISION OF PUREX CORPORATION, LTD. • WILMINGTON, CALIFORNIA 90744 • OFFICES IN ALL PRINCIPAL CITIES

## TURCO 5821

### ACRYLIC PROTECTIVE COATING REMOVER

#### DESCRIPTION

TURCO 5821 was specifically formulated to remove acrylic protective coatings similar to TEC 556.

The viscosity of TURCO 5821 is such that the product can be used indoors as a swab, paint or spray-on/wipe-off stripper or as an outdoor stripper that is sprayed on and high pressure water rinsed.

#### PROPERTIES

- Appearance: Heavy bodied, white liquid.
- Cling: Excellent on all surfaces, vertical or horizontal.
- Evaporation: Self-forming surface film which retards evaporation and enhances stripping efficiency.
- Flash Point: Non-flammable when tested per MIL-R-25134 B.
- Limitations: Not safe on plexiglas or similar plastics.  
Will attack paint.

#### USE INSTRUCTIONS

- Equipment: Turco Barrel Pump with non-atomizing sprayhead.
- Concentration: Use full strength as received.
- Application: TURCO 5821 being a thixotropic material must be thoroughly agitated in the container before using. Apply TURCO 5821 using just enough air pressure to spray the material without atomizing. Apply a heavy, even coating of TURCO 5821 to the acrylic protective coating that is to be removed. Let the TURCO 5821 dwell for 10 to 20 minutes depending on the thickness of the acrylic coating and the air temperature. Do not let the TURCO 5821 dry on the surface. After sufficient dwell and the acrylic coating is softened, rinse with copious high pressure tap water.

If an acrylic residue is evident a second light coating of TURCO 5821 can be applied to the water wet surface. Let dwell for 1 to 5 minutes, rinse with high pressure water.

For indoor removal of acrylic protective coatings by the handwipe method, apply an even film of TURCO 5821 by swab, brush or spray. Let dwell 5 to 10 minutes then wipe off using rags saturated with water.

**CAUTION:** Use with adequate ventilation. Face shields or goggles should be worn to prevent accidentally getting TURCO 5821 in eyes.

#### PACKAGING

TURCO 5821 is packaged in 5 gallon and 55 gallon containers.

#### STORAGE

Store in a protected area, out of direct sunlight, preferably at temperatures not less than 30° F. and not exceeding 90° F.

#### SHIPPING

The product is packed in approved I.C.C. containers and can be sent via truck, rail, air, ship, railway express, parcel post (if in a suitable container) anywhere within the continental limits of the United States.

#### NOTICE

The above information and recommendations concerning this product are based upon our laboratory tests and field use experience, however since conditions of actual use are beyond our control, any recommendations or suggestions are made without warranty, express or implied. Manufacturer's and seller's sole obligation shall be to replace that portion of the product shown to be defective. Neither shall be liable for any loss, damage or injury, direct or consequential, arising out of the use of this product.

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